

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024685.D
 Acq On : 31 Jan 2020 20:58
 Operator : CG/JU
 Sample : PB126505TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126505TB

Quant Time: Feb 01 01:00:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	177537	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	628178	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	429006	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1014762	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1140839	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1289345	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1303586	139.64	ng	-0.01
7) Phenol-d6	6.63	99	1553183	120.77	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1011597	78.97	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	1035754	148.42	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	2840948	90.03	ng	-0.02
79) Terphenyl-d14	19.49	244	6132947	100.36	ng	-0.02

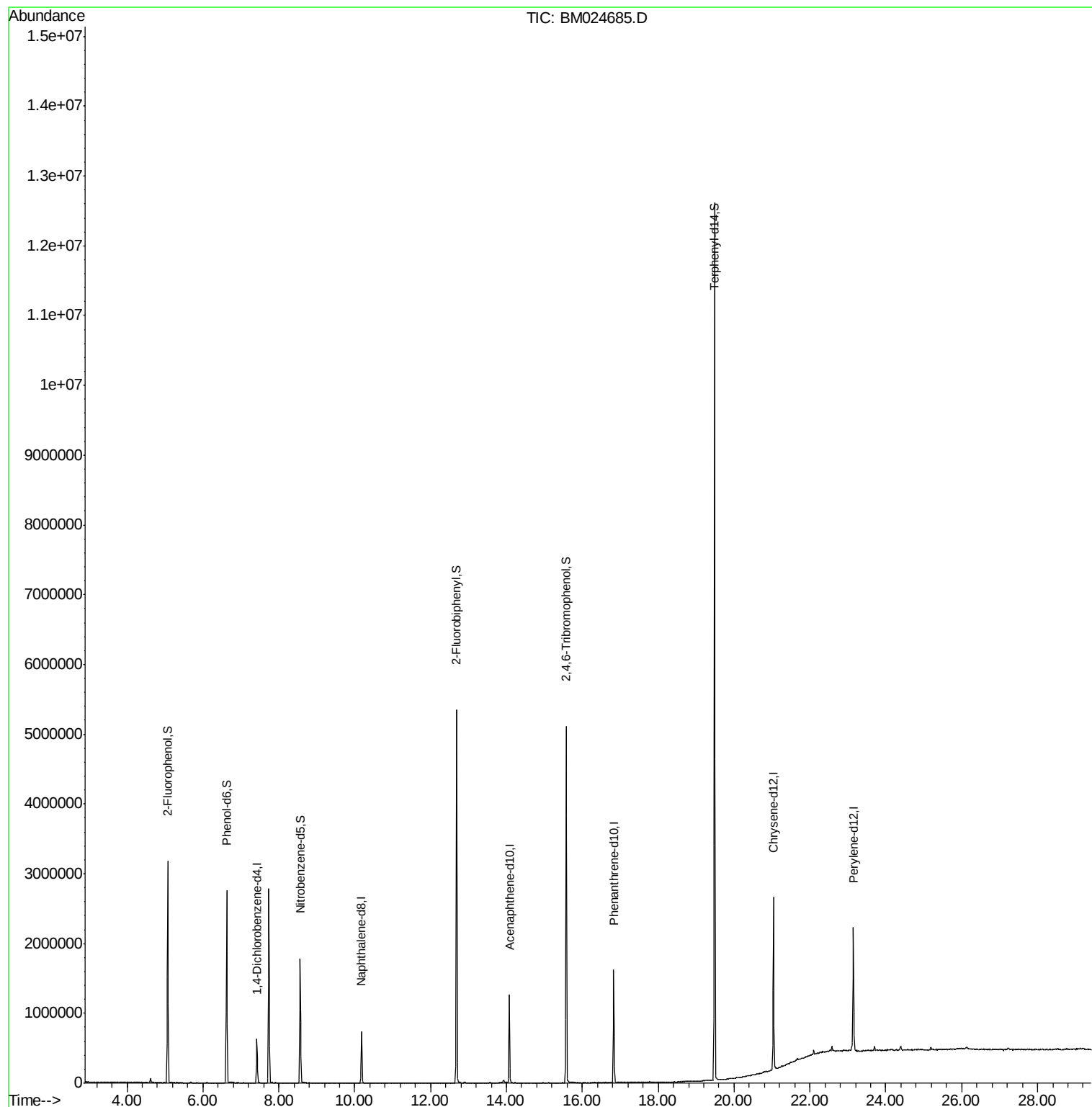
Target Compounds Qvalue

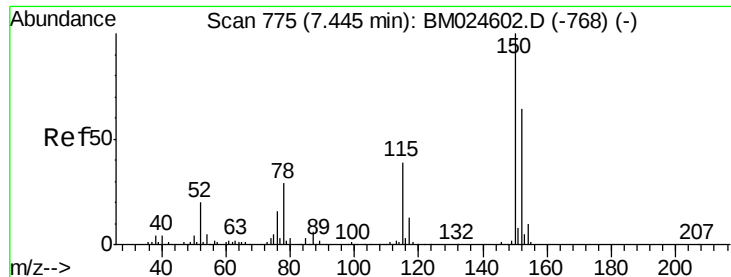
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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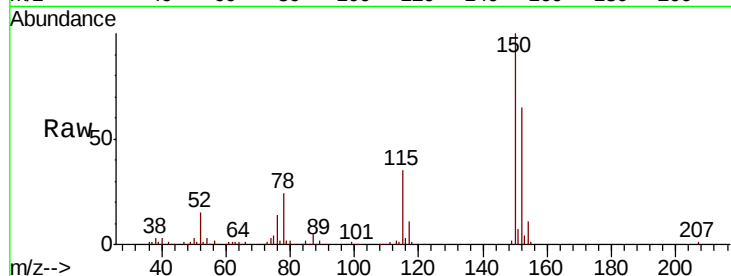


#1

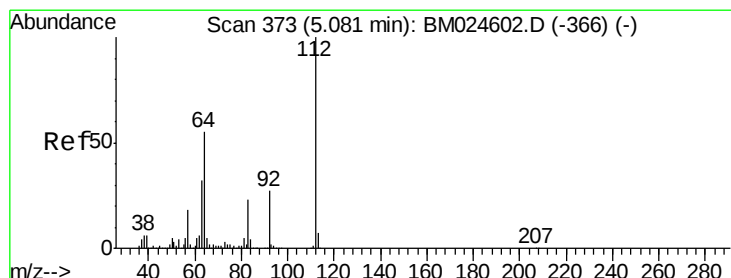
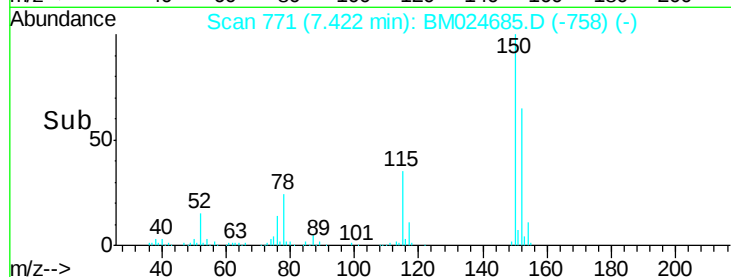
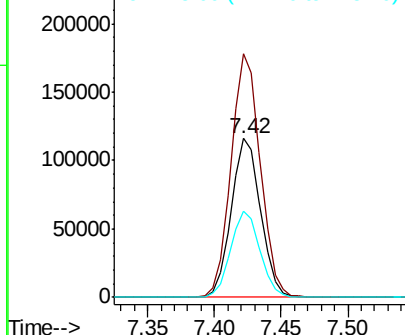
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024685.D
Acq: 31 Jan 2020 20:58

Instrument :
BNA_M
ClientSampleId :
PB126505TB

Tot Ion:152 Resp: 177537
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.4
115 54.2 48.6 72.8



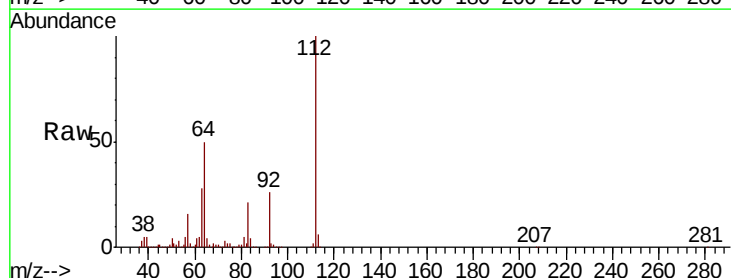
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



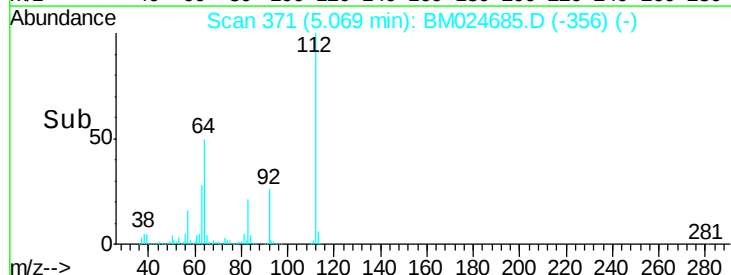
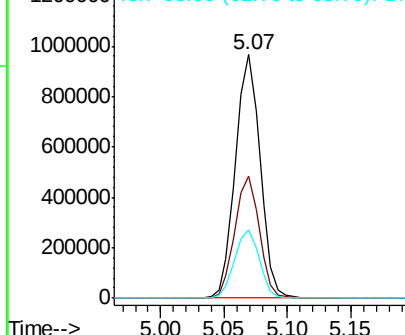
#5

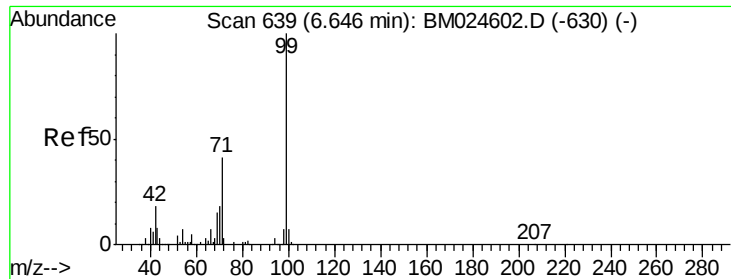
2-Fluorophenol
Concen: 139.639 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024685.D
Acq: 31 Jan 2020 20:58

Tgt Ion:112 Resp: 1303586
Ion Ratio Lower Upper
112 100
64 49.9 44.2 66.4
63 28.2 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 120.775 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024685.D

Acq: 31 Jan 2020 20:58

Instrument :

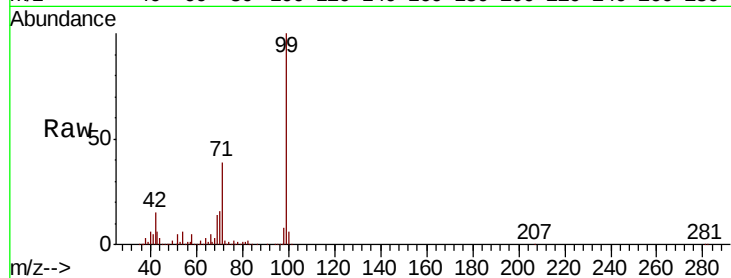
BNA_M

ClientSampleId :

PB126505TB

Tot Ion: 99 Resp: 1553183

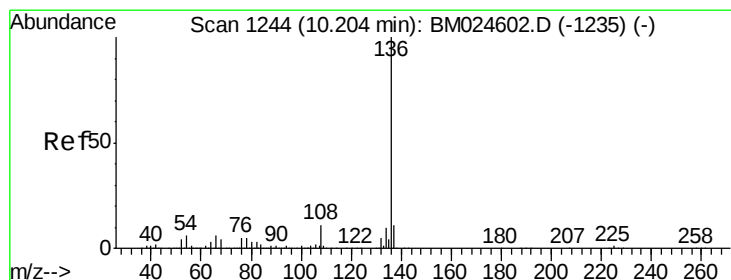
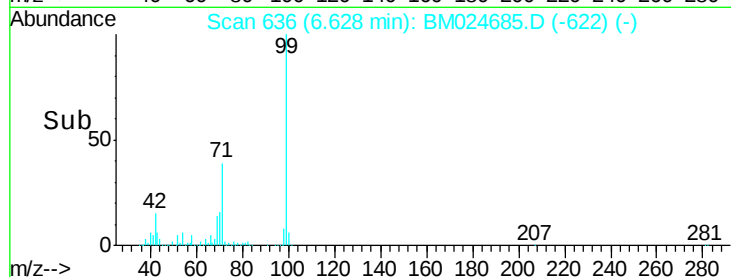
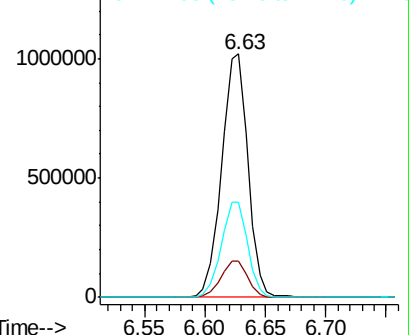
Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.1	21.1
71	38.9	33.0	49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024685.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024685.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024685.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

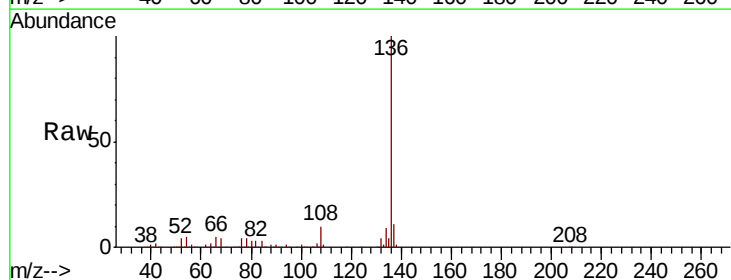
Delta R.T. -0.02 min

Lab File: BM024685.D

Acq: 31 Jan 2020 20:58

Tgt Ion: 136 Resp: 628178

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.8	4.5	6.7
68	3.9	3.4	5.0

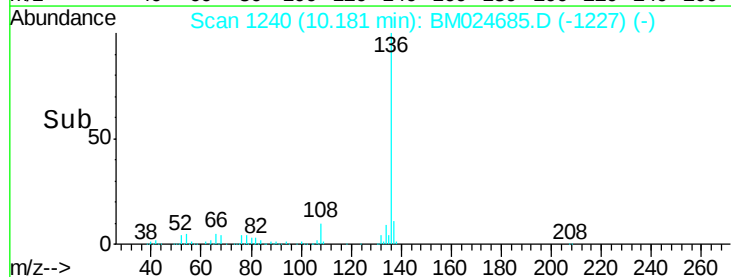
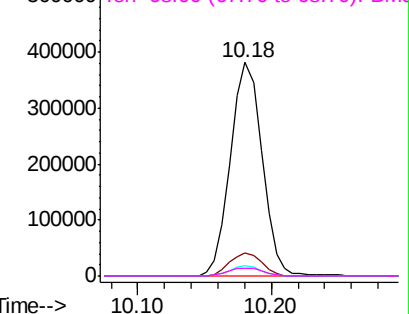


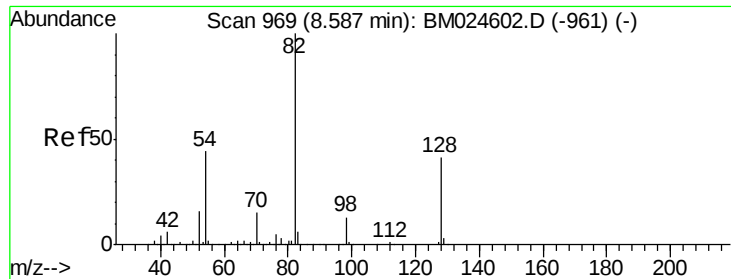
Abundance Ion 136.00 (135.70 to 136.70): BM024685.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM024685.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM024685.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM024685.D (-1227) (-)



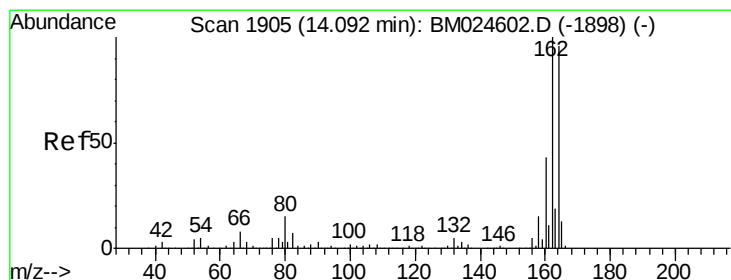
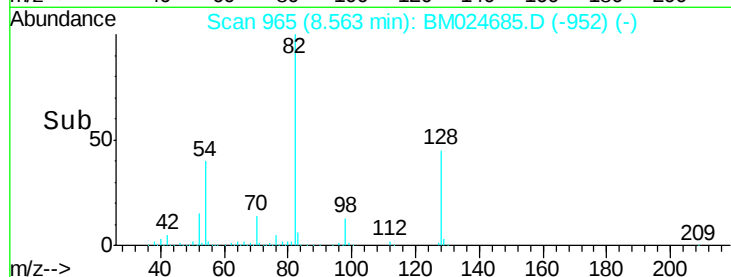
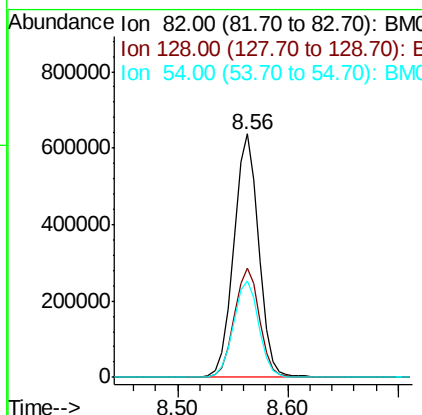
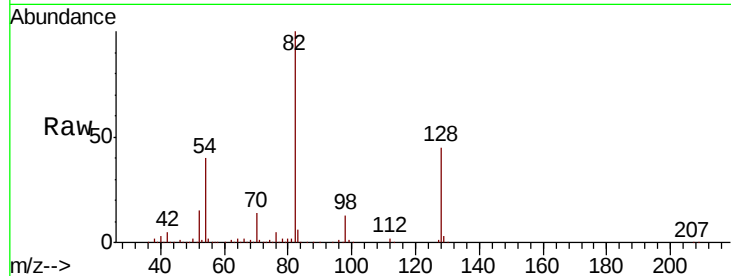


#23
 Nitrobenzene-d5
 Concen: 78.975 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024685.D
 Acq: 31 Jan 2020 20:58

Instrument :
 BNA_M
 ClientSampleId :
 PB126505TB

Tot Ion: 82 Resp: 1011597

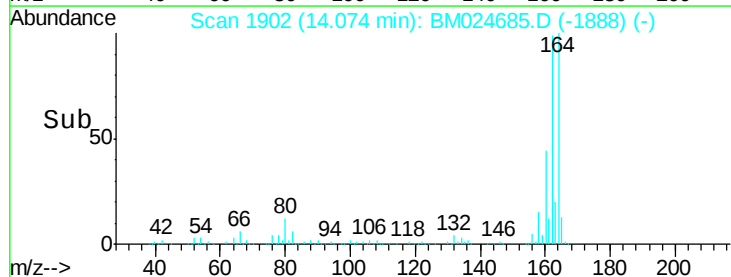
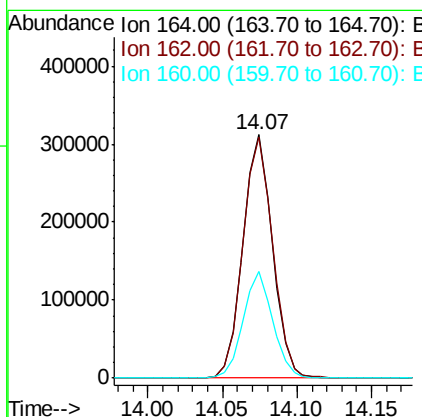
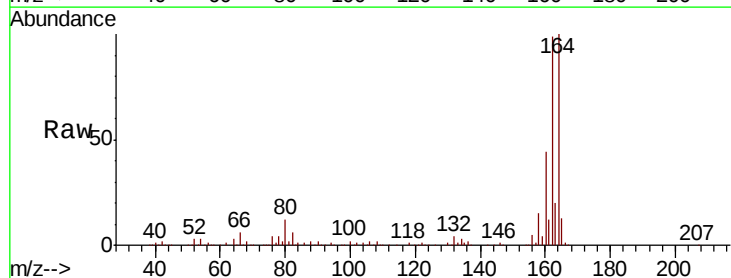
Ion	Ratio	Lower	Upper
82	100		
128	45.0	32.6	48.8
54	39.6	34.8	52.2

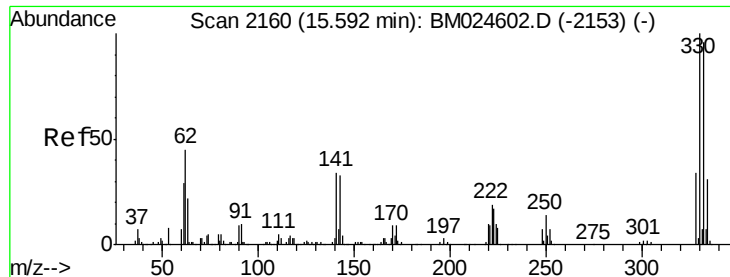


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM024685.D
 Acq: 31 Jan 2020 20:58

Tgt Ion: 164 Resp: 429006

Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.9	124.3
160	43.7	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 148.423 ng

RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM024685.D

Acq: 31 Jan 2020 20:58

Instrument :

BNA_M

ClientSampleId :

PB126505TB

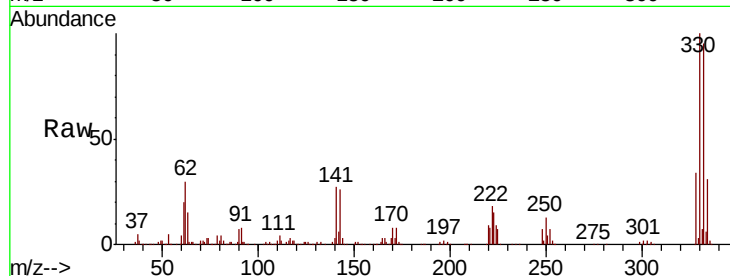
Tot Ion:330 Resp: 1035754

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

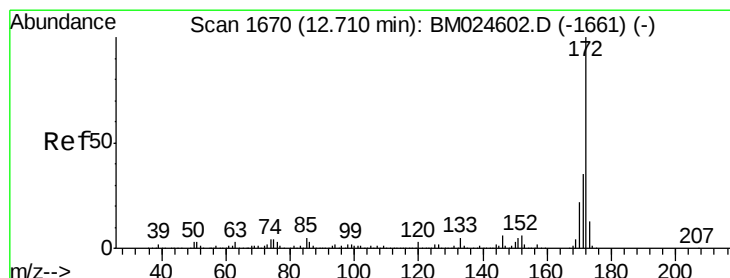
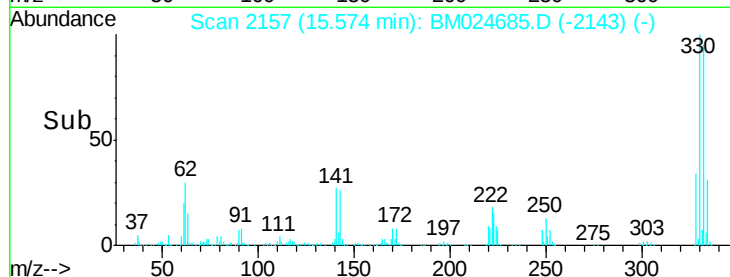
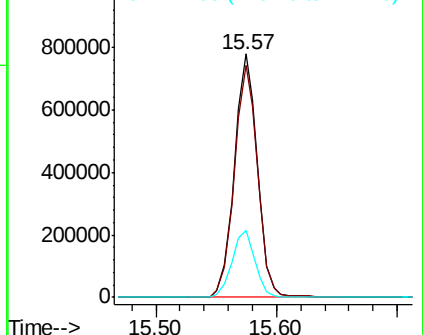
141 27.7 26.9 40.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 90.029 ng

RT: 12.69 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BM024685.D

Acq: 31 Jan 2020 20:58

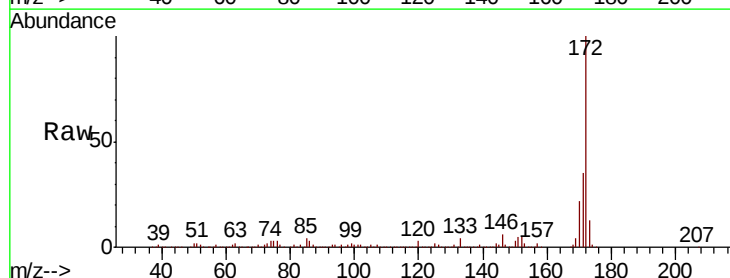
Tgt Ion:172 Resp: 2840948

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

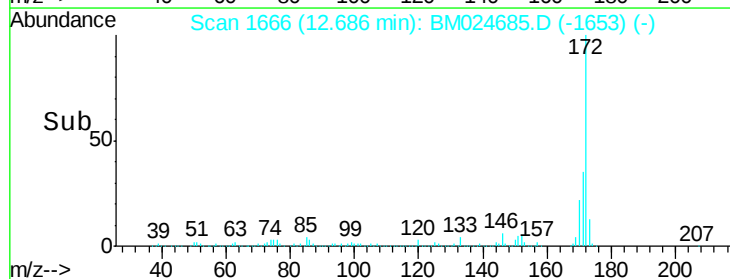
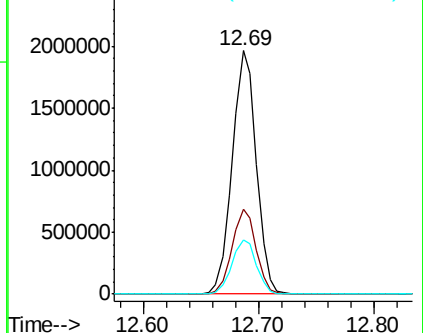
170 22.4 17.9 26.9

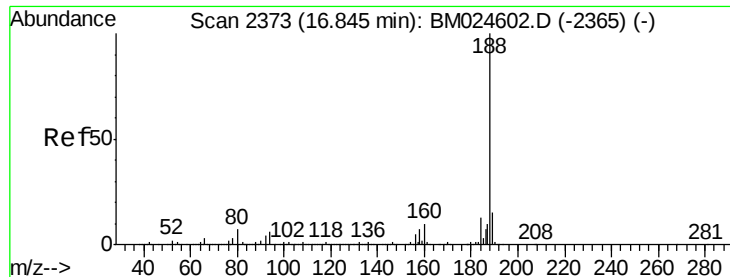


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

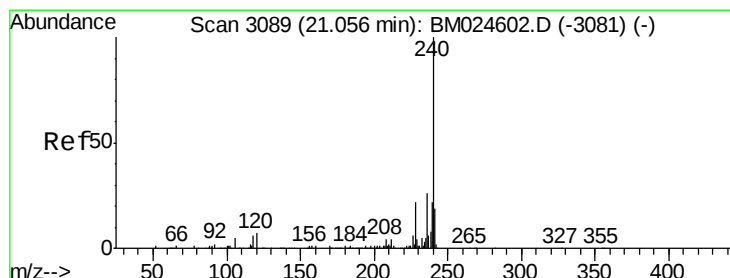
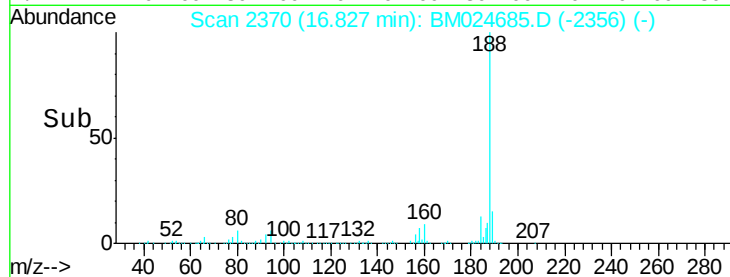
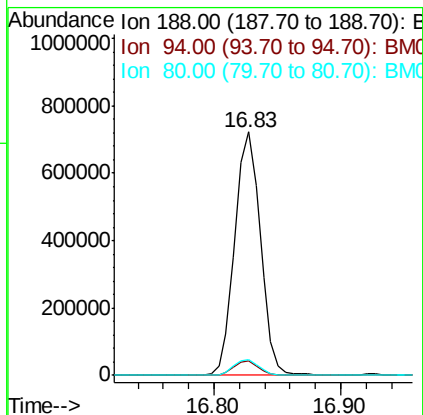
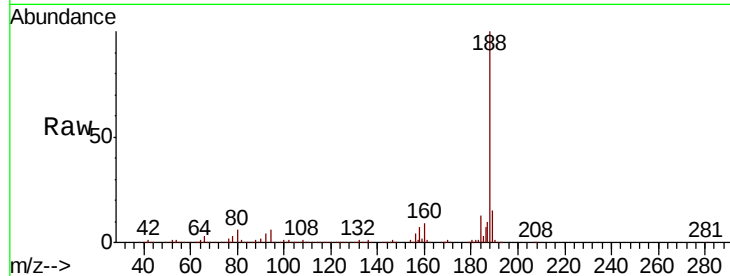




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024685.D
Acq: 31 Jan 2020 20:58

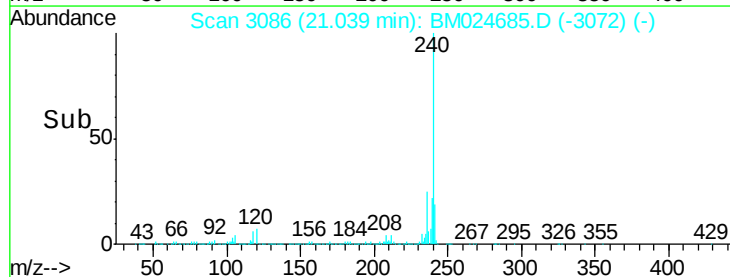
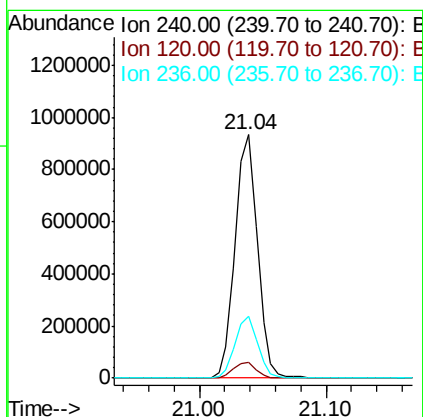
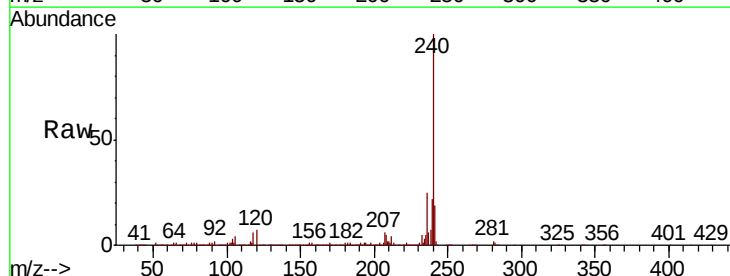
Instrument :
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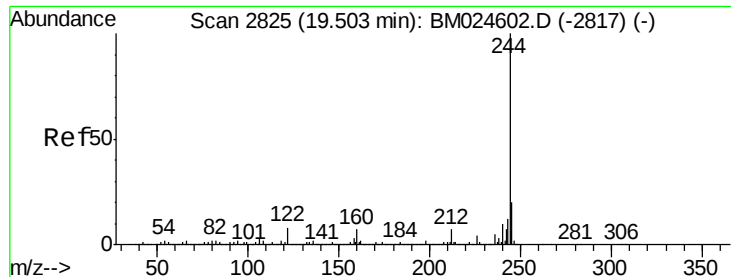
Tot Ion:188 Resp: 1014762
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.6
80 6.2 5.8 8.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024685.D
Acq: 31 Jan 2020 20:58

Tgt Ion:240 Resp: 1140839
Ion Ratio Lower Upper
240 100
120 6.6 5.3 7.9
236 25.4 20.6 31.0





#79

Terphenyl-d14

Concen: 100.361 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024685.D

Acq: 31 Jan 2020 20:58

Instrument :

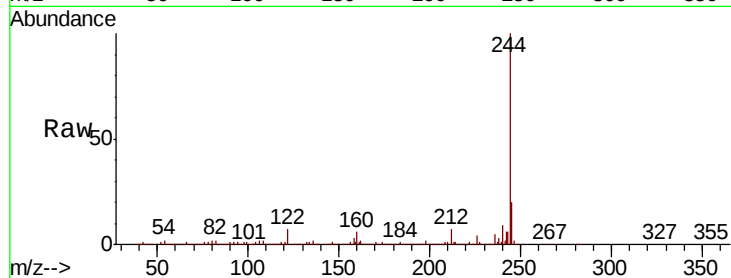
BNA_M

ClientSampleId :

PB126505TB

Tot Ion:244 Resp: 6132947

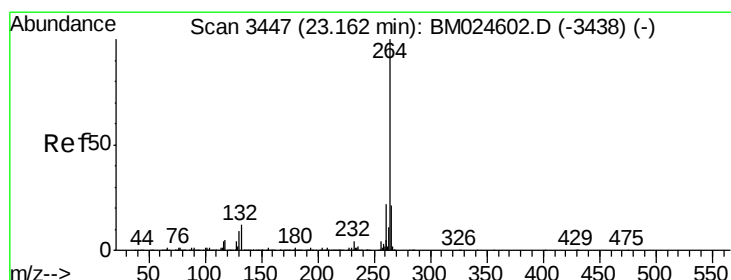
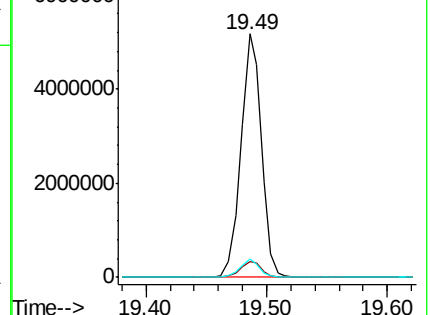
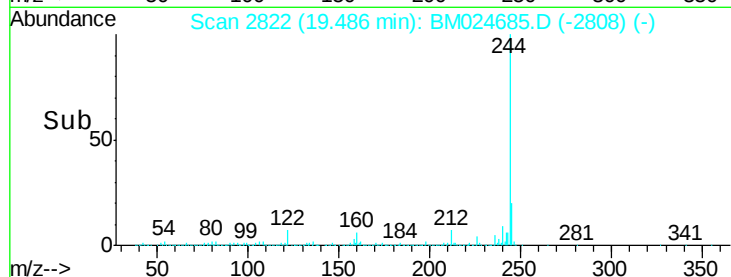
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	7.3	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.14 min Scan# 3444

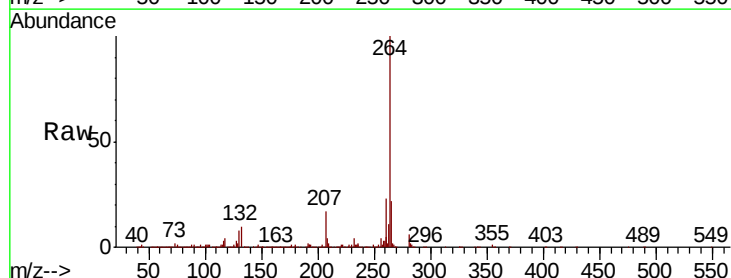
Delta R.T. -0.02 min

Lab File: BM024685.D

Acq: 31 Jan 2020 20:58

Tgt Ion:264 Resp: 1289345

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	21.9	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

